



PLANT STANDARD

HPBP TIRUCHIRAPALLI

BPS 718515

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PLUG PLAIN - T 8

(17-017-019)

1 SCOPE

- 1.1 This standard gives information as to the correct designation, material, sizes, dimensions and information required for ordering purposes for plugs.
- 1.2 These plugs are capable of withstanding the application of (a) an internal hydraulic test pressure of 4.905 N/mm^2 (50 kgf/cm^2) and (b) an internal air test pressure of 0.6867 N/mm^2 (7 kgf/cm^2) whilst the fitting is completely immersed in water or light oil.

2 DESIGNATION

- 2.1 A plug of nominal size 8 mm shall be designated as

2.1.1 On drawings:

- a) Material code column: 17 017 019
 b) Description column : PLUG PLUG T8 - 8 mm
 c) Drawing number column: 718515-4402

2.1.2 For placing indents on purchase: Plug 8, BPS: 718515

- 2.1.3 While issuing enquiries and purchase orders: While issuing enquiries and purchase orders, delete the plant standard number from the clause 2.1.2 and add the information given under clause 3.

3 COMPLIANCE WITH STANDARDS

- 3.1 Dimensions, tolerances and general requirements : To IS: 1239 (Part II)-69 Table 20

- 3.2 Material: Steel having minimum tensile strength of 333 N/mm^2 (34 kgf/mm^2).

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REVISIONS

DATE

APPROVED

STANDARDS SECTION
ENGINEERING AND DEVELOPMENT CENTRE
HPBP TIRUCHIRAPALLI

PREPARED

HPBP TIRUCHY

ISSUED

STANDARDS

DATE

JAN 1983



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3.3 Threads: Taper in accordance with IS: 554 and shall be clean and well cut.

3.4 Finish: Galvanised. The zinc coating shall be in accordance with IS: 4736.

4 NOTE

4.1 For dimensions of screwed ends of fittings refer corporate standard AA 023 18 13.

4.2 For dimensions of pipe threads of fittings refer corporate standard AA 023 18 15.

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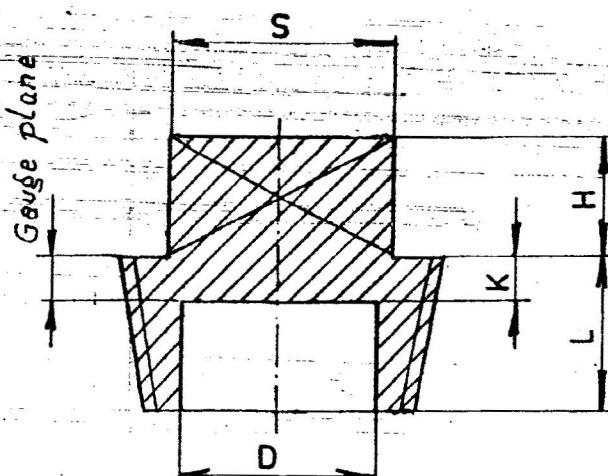


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	Nom size		L	S	H	D	K	Fitting allowance to IS 2044 tors	Wt/ piece in kg	BPS Code Bin code
	mm	Inch								
	6	1/8	6.5	6	6			2 3/4		
	8	1/4	9.7	9	6			2 3/4	0.015	718515 4402 1701701900
	10	3/8	10.1	11	10			2 3/4		
	15	1/2	13.2	13	10			2 3/4		
	20	3/4	14.5	14	12			2 3/4		
	25	1	16.8	17	12	22	4	2 3/4		
	32	1 1/4	19.1	22	16	31	5	2 3/4		
	40	1 1/2	19.1	27	16	33	5	2 3/4		
	50	2	23.4	32	19	48	5	3 1/4		
	65	2 1/2	26.7	37	19	62	6	4		
	80	3	29.8	37	22	73	8	4		
	100	4	35.8	46	25	97	10	4 1/2		
	125	5	40.1	51	29	120	12	5		
	150	6	40.1	60	32	145	12	5		

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